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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:00:01 ; Search time 22.9091 Seconds

1041.006 million cell updates/sec

Title: US-09-840-795-19

Perfect score: 12/3
Sequence: 1 MDCQENEYWDGRCVTCR.....AQLFSLDSVPPIQQQGGPEM 231

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

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Minimum DB seq length: 0
Maximum DB seq length: 20000000000
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Post-processing:	Minimum Match 0%
	Maximum Match 100%
	Listing first 45 summaries

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1: published_applications_AA: *
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4: /cgn2_6/prodata/1/pubppaa/US06_NEW_PUB pep: *
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13: /cgn2_6/prodata/1/pubppaa/US60_NEW_PUB pep: *
14: /cgn2_6/prodata/1/pubppaa/US60_PUBCOMB pep: *

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result-being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1273	100.0	231	10	US-09-840-795-19	Sequence 19, App1
2	1219	95.8	231	9	US-10-046-433-61	Sequence 61, App1
3	1132	88.9	297	9	US-10-243-157-6	Sequence 6, App1
4	1121	88.1	299	9	US-10-119-496-12	Sequence 12, App1
5	1121	88.1	299	9	US-10-243-157-3	Sequence 3, App1
6	1117.5	87.8	268	9	US-10-231-426-1	Sequence 1, App1
7	979	76.9	206	9	US-09-796-733-8	Sequence 8, App1
8	887	69.7	226	9	US-10-046-433-5	Sequence 5, App1
9	815	64.0	197	9	US-09-796-733-10	Sequence 10, App1
10	536	42.1	159	9	US-10-046-433-7	Sequence 7, App1
11	483	37.9	417	9	US-10-174-590-474	Sequence 474, App
12	483	37.9	417	9	US-10-176-758-474	Sequence 474, App
13	483	37.9	417	9	US-10-175-737-474	Sequence 474, App
14	483	37.9	417	9	US-10-173-706-474	Sequence 474, App
15	483	37.9	417	9	US-10-175-738-474	Sequence 474, App
16	483	37.9	417	9	US-10-175-752-474	Sequence 474, App
17	483	37.9	417	9	US-10-176-482-474	Sequence 474, App
18	483	37.9	417	9	US-10-176-757-474	Sequence 474, App
19	483	37.9	417	9	US-10-176-913-474	Sequence 474, App

20	483	37.9	417	9	US-10-180-552-474	Sequence 474, App
21	483	37.9	417	9	US-10-180-557-474	Sequence 474, App
22	483	37.9	417	9	US-10-173-700-474	Sequence 474, App
23	483	37.9	417	9	US-10-174-572-474	Sequence 474, App
24	483	37.9	417	9	US-10-174-575-474	Sequence 474, App
25	483	37.9	417	9	US-10-174-582-474	Sequence 474, App
26	483	37.9	417	9	US-10-174-588-474	Sequence 474, App
27	483	37.9	417	9	US-10-175-733-474	Sequence 474, App
28	483	37.9	417	9	US-10-175-740-474	Sequence 474, App
29	483	37.9	417	9	US-10-175-743-474	Sequence 474, App
30	483	37.9	417	9	US-10-176-488-474	Sequence 474, App
31	483	37.9	417	9	US-10-176-492-474	Sequence 474, App
32	483	37.9	417	9	US-10-176-747-474	Sequence 474, App
33	483	37.9	417	9	US-10-176-750-474	Sequence 474, App
34	483	37.9	417	9	US-10-176-985-474	Sequence 474, App
35	483	37.9	417	9	US-10-176-987-474	Sequence 474, App
36	483	37.9	417	9	US-10-176-991-474	Sequence 474, App
37	483	37.9	417	9	US-10-176-992-474	Sequence 474, App
38	483	37.9	417	9	US-10-176-993-474	Sequence 474, App
39	483	37.9	417	9	US-10-184-658-474	Sequence 474, App
40	483	37.9	417	9	US-10-227-884-220	Sequence 220, App
41	483	37.9	417	9	US-10-173-695-474	Sequence 474, App
42	483	37.9	417	9	US-10-173-697-474	Sequence 474, App
43	483	37.9	417	9	US-10-173-705-474	Sequence 474, App
44	483	37.9	417	9	US-10-174-576-474	Sequence 474, App
45	483	37.9	417	9	US-10-174-585-474	Sequence 474, App

ALIGNMENTS

RESULT 1

; Sequence 19, Application US/09840795

; GENERAL INFORMATION:

APPLICANT: Mattson

; APPLICANT: Gorman, Daniel M.

; TITLE OF INVENTION: Mammalian Ge

CURRENT APPLICATION NUMBER: US/09/840,795

PRIOR APPLICATION NUMBER: 09/351,777

NUMBER OF SEQ ID NOS: 19

; SEQ ID NO 19

TYPE: PRT

US-09-840-795-19

Query Match	Score
100.0%	Score

Matches 231; Conservative

QY 1 MDCQENEXWIDQWGRCVTC

Db 1 MDCQENEXWDQWGRVCYT

QY 61 C

61 C Db

QY 121 Q

Db 121 QLSLVEA

QY .181 DK

[illegible]

Db 181 DKTAKESLPVPSPKETSASQVSNAPGSLAQLFSLDSVPIPOOQOGPEM 231

RESULT 2
US-10-046-433-61

Sequence 61, Application US/10046433
Publication No. US20030092101A1
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
FILE REFERENCE: P511P1
CURRENT APPLICATION NUMBER: US/10/046,433
PRIOR FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 60/261,960
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/618,570
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/144,087
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: 60/149,450
PRIOR FILING DATE: 1999-07-18
PRIOR APPLICATION NUMBER: 60/149,712
PRIOR FILING DATE: 1999-08-20
PRIOR APPLICATION NUMBER: 60/153,089
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 61
LENGTH: 231
TYPE: PRT
ORGANISM: Homo sapiens
US-10-046-433-61

Query Match 95.8%; Score 1219; DB 9; Length 231;
Best Local Similarity 96.5%; Pred. No. 1,6e-95;
Matches 223; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 1 MDCQENYWDQWGRCTVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSWGHKCS 60
Db 1 MDCQENYWDQWGRCTVTCQRCGPGQELSKDCGEGGDAYWHSLSFSQYKSSWGHKCS 60
QY 61 CTTCAVINRQKNCATSNVAGDCLPRYRRTIRIGLDDOCICPTKOTPTSEVOCAF 120
Db 61 CTTCAVINRQKNCATSNVAGDCLPRYRRTIRIGLDDOCICPTKOTPTSEVOCAF 120
QY 121 QLSLVEADAPTVPPQENATVALVSSLLVFTLAFLGLFLYCKOFFNRHCQRGSLQFEA 180
Db 121 QLSLVEADAPTVPPQENATVALVSSLLVFTLAFLGLFLYCKOFFNRHCQRGSLQFEA 180
QY 181 DKTAKESLPVPSPKETSASQVSNAPGSLAQLFSLDSVPIPOOQOGPEM 231
Db 181 DKTAKESLPVPSPKETSASQVSNAPGSLAQLFSLDSVPIPOOQOGPEM 231

RESULT 3
US-10-243-157-6

Sequence 6, Application US/10243157
Publication No. US20030092044A1
GENERAL INFORMATION:
APPLICANT: Goddard, Audrey
APPLICANT: Pan, James
TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
FILE REFERENCE: P1739R1
CURRENT APPLICATION NUMBER: US/10/243,157
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US/09/548,130
PRIOR FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: US 60/128,849
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 6

LENGTH: 297
TYPE: PRT
ORGANISM: Human
US-10-243-157-6

Query Match 88.9%; Score 1132; DB 9; Length 297;
Best Local Similarity 99.5%; Pred. No. 4,6e-88;
Matches 204; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDCQENYWDQWGRCTVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSWGHKCS 60
Db 1 MDCQENYWDQWGRCTVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSWGHKCS 60
QY 61 CTTCAVINRQKNCATSNVAGDCLPRYRRTIRIGLDDOCICPTKOTPTSEVOCAF 120
Db 61 CTTCAVINRQKNCATSNVAGDCLPRYRRTIRIGLDDOCICPTKOTPTSEVOCAF 120
QY 121 QLSLVEADAPTVPPQENATVALVSSLLVFTLAFLGLFLYCKOFFNRHCQRGSLQFEA 180
Db 121 QLSLVEADAPTVPPQENATVALVSSLLVFTLAFLGLFLYCKOFFNRHCQRGSLQFEA 180
QY 181 DKTAKESLPVPSPKETSASQVS 205
Db 181 DKTAKESLPVPSPKETSASQVS 205

RESULT 4
US-10-119-466-12

Sequence 12, Application US/10119466
Patent No. US20020168674A1
GENERAL INFORMATION:
APPLICANT: Chul, Clarissa
APPLICANT: Gilmaldi, J. Christopher
APPLICANT: Milton, Sean
APPLICANT: Van, Minhong
TITLE OF INVENTION: CLONING METHOD
FILE REFERENCE: P1797
CURRENT APPLICATION NUMBER: US/10/119,466
CURRENT FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: US/09/480,782
PRIOR FILING DATE: 2000-01-10
NUMBER OF SEQ ID NOS: 12
SEQ ID NO 12
LENGTH: 299
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: Homo sapiens
LOCATION: 1-299
OTHER INFORMATION:
US-10-119-466-12

Query Match 88.1%; Score 1121; DB 9; Length 299;
Best Local Similarity 98.6%; Pred. No. 3,9e-87;
Matches 204; Conservative 1; Mismatches 0; Indels 2; Gaps 1;

QY 1 MDCQENYWDQWGRCTVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSWGHKCS 60
Db 1 MDCQENYWDQWGRCTVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSWGHKCS 60
QY 61 CTTCAVINRQKNCATSNVAGDCLPRYRRTIRIGLDDOCICPTKOTPTSEVOCAF 120
Db 61 CTTCAVINRQKNCATSNVAGDCLPRYRRTIRIGLDDOCICPTKOTPTSEVOCAF 120
QY 121 QLSLVEADAPTVPPQENATVALVSSLLVFTLAFLGLFLYCKOFFNRHCQRGSLQFEA 180
Db 121 QLSLVEADAPTVPPQENATVALVSSLLVFTLAFLGLFLYCKOFFNRHCQRGSLQFEA 180
QY 179 EADKTAKESLPVPSPKETSASQVS 205
Db 179 EADKTAKESLPVPSPKETSASQVS 205
181 EADKTAKESLPVPSPKETSASQVS 207

RESULT 5
US-10-243-157-3
; Sequence 3, Application US/10243157
; Publication No. US20030092044A1
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/10/243,157
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US/09/548,130
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: US 60/128,849
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Human
US-10-243-157-3

Query Match 88.1%; Score 1121; DB 9; Length 299;
Best Local Similarity 98.6%; Pred. No. 3.9e-87;
Matches 204; Conservative 1; Mismatches 0; Indels 2; Gaps 1;

QY 1 MDCQENYWDQRCVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSGHHKCS 60
 |||||
Db 1 MDCQENYWDQRCVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSGHHKCS 60
 |||||

QY 61 CITCAVINRYQKYNCTATSNVAGDCLPREYRRTIRIGLQDDCICPTKOTPTSEVQCAF 120
 |||||
Db 61 CITCAVINRYQKYNCTATSNVAGDCLPREYRRTIRIGLQDDCICPTKOTPTSEVQCAF 120
 |||||

QY 121 QLSLVEADAPTYVPOEATLVAVSLVYFTLAFGLFLYCKOFFNRHCQRGGLQFEA 178
 |||||
Db 121 QLSLVEADAPTYVPOEATLVAVSLVYFTLAFGLFLYCKOFFNRHCQRGGLQFEA 180
 |||||

QY 179 EADKTAKESLFPVPSPKETSASQSVS 205
 |||||
Db 181 EADKTAKESLFPVPSPKETSASQSVS 207
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RESULT 6
US-10-231-426-1
; Sequence 1, Application US/10231426
; Publication No. US20030059889A1
; GENERAL INFORMATION:
; APPLICANT: Bodian, Dale L.
; APPLICANT: Labow, Mark
; APPLICANT: Mckanin, Craig S.
; TITLE OF INVENTION: Tumor Necrosis Factor Related Protein-1
; FILE REFERENCE: 4-32139A
; CURRENT APPLICATION NUMBER: US/10/231,426
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/317,151
; PRIOR FILING DATE: 2002-09-05
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 268
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-231-426-1

Query Match 87.8%; Score 1117.5; DB 9; Length 268;
Best Local Similarity 97.1%; Pred. No. 6.9e-87;
Matches 204; Conservative 1; Mismatches 4; Indels 1; Gaps 1;

QY 1 MDCQENYWDQRCVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSGHHKCS 60
 |||||
Db 1 MDCQENYWDQRCVTCQRCGPGQELSKDCGEGGDAYCTACPPRRYKSSGHHKCS 60
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QY 61 CITCAVINRYQKYNCTATSNVAGDCLPREYRRTIRIGLQDDCICPTKOTPTSEVQCAF 120
 |||||
Db 61 CITCAVINRYQKYNCTATSNVAGDCLPREYRRTIRIGLQDDCICPTKOTPTSEVQCAF 120
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QY 121 QLSLVEADAPTYVPOEATLVAVSLVYFTLAFGLFLYCKOFFNRHCQRGGLQFEA 180
 |||||
Db 121 QLSLVEADAPTYVPOEATLVAVSLVYFTLAFGLFLYCKOFFNRHCQRGGLQFEA 179
 |||||

QY 181 DKTAKESLFPVPSPKETSASQSVS 210
 |||||
Db 180 DKTAKESLFPVPSPKETSASQSVS 209
 |||||

RESULT 7
US-09-796-753-8
; Sequence 8, Application US/09796753
; Publication No. US20030027998A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
; FILE REFERENCE: 7853-227-999
; CURRENT APPLICATION NUMBER: US/09/796,753
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 09/183,175
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 09/223,094
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/223,546
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/224,246
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/259,388
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 60/122,458
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: 09/312,359
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/336,536
; PRIOR FILING DATE: 1999-06-18
; PRIOR APPLICATION NUMBER: 09/342,687
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 09/345,464
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/365,164
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: 09/399,723
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: 09/409,634
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 09/471,179
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 09/474,071
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/474,072
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/514,010
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: 09/516,745
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/572,002
; PRIOR FILING DATE: 2000-05-14
; PRIOR APPLICATION NUMBER: 09/597,993
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/599,596
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/630,334
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 09/606,565
; PRIOR FILING DATE: 2000-06-29

;; PRIOR APPLICATION NUMBER: 09/606,317
;; PRIOR FILING DATE: 2000-06-29
;; PRIOR APPLICATION NUMBER: 09/665,666
;; PRIOR FILING DATE: 2000-09-20
;; PRIOR APPLICATION NUMBER: 09/677,751
;; PRIOR FILING DATE: 2000-09-30
;; NUMBER OF SEQ ID NOS: 162
;; SEQ ID NO 8
;; LENGTH: 206
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-796-753-8

Query Match 76.9%; Score 979; DB 9; Length 206;
Best Local Similarity 95.1%; Pred. No. 2.5e-75;
Matches 175; Conservative 2; Mismatches 5; Indels 2; Gaps 1;

OY 1 MDCCENYWDGRCVTCORCGPQGLSKDGGYGGGAYCTACPPRRYKSSWGHKQCS 60
DB 9 MDCCENYWDGRCVTCORCGPQGLSKDGGYGGGAYCTACPPRRYKSSWGHKQCS 68
OY 61 CITCAVINRVOKVNCATSNVCGDCLPFRYKRTIRIGLQDOECIPCTKOTPTSEVOCAC 120
DB 69 CITCAVINRVOKVNCATSNVCGDCLPFRYKRTIRIGLQDOECIPCTKOTPTSEVOCAC 128
OY 121 QLSLEADAPVPPQEAFLVALVSSLVFTLAFGLFELYCKQFNNHCQR--GGLLQF 178
DB 129 QLSLEADAPVPPQEAFLVALVSSLVFTLAFGLFELYCKQFNNHCQRGGCGEMF 188
OY 179 EADK 182
DB 189 HMQ 192

RESULT 8
US-10-046-433-5

;; Sequence 5, Application US/10046433
;; Publication No. US20030092101A1
;; GENERAL INFORMATION:
;; APPLICANT: Human Genome Sciences, Inc.
;; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
;; FILE REFERENCE: PFS11P1
;; CURRENT APPLICATION NUMBER: US/10/046,433
;; CURRENT FILING DATE: 2002-01-16
;; PRIOR APPLICATION NUMBER: 60/261,960
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/618,570
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: 60/144,087
;; PRIOR FILING DATE: 1999-07-16
;; PRIOR APPLICATION NUMBER: 60/149,450
;; PRIOR FILING DATE: 1999-07-18
;; PRIOR APPLICATION NUMBER: 60/149,712
;; PRIOR FILING DATE: 1999-08-20
;; PRIOR APPLICATION NUMBER: 60/153,089
;; PRIOR FILING DATE: 1999-09-10
;; NUMBER OF SEQ ID NOS: 61
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 5
;; LENGTH: 226
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-046-433-5

Query Match 69.7%; Score 887; DB 9; Length 226;
Best Local Similarity 97.1%; Pred. No. 1.7e-87;
Matches 169; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 58 CQSCITCAVINRVOKVNCATSNVCGDCLPFRYKRTIRIGLQDOECIPCTKOTPTSEVO 117
DB 53 CRVACITCAVINRVOKVNCATSNVCGDCLPFRYKRTIRIGLQDOECIPCTKOTPTSEVO 112
OY 118 CARQLSLEADAPVPPQEAFLVALVSSLVFTLAFGLFELYCKQFNNHCQRGGGLQ 177

DB 113 CARQLSLEADAPVPPQEAFLVALVSSLVFTLAFGLFELYCKQFNNHCQRGGGLQ 172
OY 178 FEADKTAKEESLFPVPPSKETSASQVSMAGSLAQFLSDSPVIPPQOQGPPEM 231
DB 173 FEADKTAKEESLFPVPPSKETSASQVSMAGSLAQFLSDSPVIPPQOQGPPEM 226

RESULT 9
US-09-796-753-10

;; Sequence 10, Application US/09796753
;; Publication No. US20030027998A1
;; GENERAL INFORMATION:
;; APPLICANT: McCarthy, Sean A.
;; TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
;; FILE REFERENCE: 7853-227-999
;; CURRENT APPLICATION NUMBER: US/09/796,753
;; CURRENT FILING DATE: 2001-03-01
;; PRIOR APPLICATION NUMBER: 09/183,175
;; PRIOR FILING DATE: 1998-10-30
;; PRIOR APPLICATION NUMBER: 09/223,094
;; PRIOR FILING DATE: 1998-12-30
;; PRIOR APPLICATION NUMBER: 09/223,546
;; PRIOR FILING DATE: 1998-12-30
;; PRIOR APPLICATION NUMBER: 09/224,246
;; PRIOR FILING DATE: 1998-12-30
;; PRIOR APPLICATION NUMBER: 09/259,388
;; PRIOR FILING DATE: 1999-02-26
;; PRIOR APPLICATION NUMBER: 60/122,458
;; PRIOR FILING DATE: 1999-03-01
;; PRIOR APPLICATION NUMBER: 09/312,359
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;; PRIOR APPLICATION NUMBER: 09/336,536
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;; PRIOR FILING DATE: 2000-06-29
;; PRIOR APPLICATION NUMBER: 09/606,317
;; PRIOR FILING DATE: 2000-06-29
;; PRIOR APPLICATION NUMBER: 09/665,666
;; PRIOR FILING DATE: 2000-09-20
;; PRIOR APPLICATION NUMBER: 09/677,751
;; PRIOR FILING DATE: 2000-09-30
;; NUMBER OF SEQ ID NOS: 162
;; SEQ ID NO 10
;; LENGTH: 197

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-796-753-10

Query Match      64.0%; Score 815; DB 9; Length 197;
Best Local Similarity 97.3%; Pred. No. 1.7e-61;
Matches 142; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MDCCENYWDGRCVTCQRCGPGGELSKDCGYGGGDAYCTACPPRRKSSGHHKCS 60
    |||
DB 23 MDCCENYWDGRCVTCQRCGPGGELSKDCGYGGGDAYCTACPPRRKSSGHHKCS 82
    |||

QY 61 CITCAVINRVOKVNCNTATSNVAVGDCCLPRFYRKRTRIGGLQDOECIPCTKOTPTSEVQCAF 120
    |||
DB 83 CITCAVINRVOKVNCNTATSNVAVGDCCLPRFYRKRTRIGGLQDOECIPCTKOTPTSEVQCAF 142
    |||

QY 121 QLSLVEADAPTVPPQPEATLVALVSSL 146
    |||
DB 143 QLSLVEADAPTVPPQPEATLVALVSSL 168
    |||

RESULT 10
US-10-046-433-7
; Sequence 7, Application US/10046433
; Publication No. US20030092101A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
; FILE REFERENCE: P511P1
; CURRENT APPLICATION NUMBER: US/10/046,433
; CURRENT FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 60/261,960
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/618,570
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/144,087
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 60/149,450
; PRIOR FILING DATE: 1999-07-18
; PRIOR APPLICATION NUMBER: 60/149,712
; PRIOR FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: 60/153,089
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 7
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-046-433-7

Query Match      42.1%; Score 536; DB 9; Length 159;
Best Local Similarity 95.3%; Pred. No. 4.9e-38;
Matches 102; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 58 COSCTCAVINRVOKVNCNTATSNVAVGDCCLPRFYRKRTRIGGLQDOECIPCTKOTPTSEVQ 117
    |||
DB 53 CRVACTCAVINRVOKVNCNTATSNVAVGDCCLPRFYRKRTRIGGLQDOECIPCTKOTPTSEVQ 112
    |||

QY 118 CAFQSLVEADAPTVPPQPEATLVALVSSLVFTLAFGLFLYCKQ 164
    |||
DB 113 CAFQSLVEADAPTVPPQPEATLVALVSSLVFTLAFGLFLYCKQ 159
    |||

RESULT 11
US-10-174-590-474
; Sequence 474, Application US/10174590
; Publication No. US2003008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Audrey
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; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-474

Query Match      37.9%; Score 483; DB 9; Length 417;
Best Local Similarity 44.4%; Pred. No. 4.4e-33;
Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;

QY 2 DCOENYWDGRCVTCQRCGPGGELSKDCGYGGGDAYCTACPPRRKSSGHHKCS 61
    |||
DB 33 DCRQDFRDRSGNCTPCNCGGPMELSKDCGYGGGDAYCTACPPRRKSSGHHKCS 92
    |||

QY 62 ITCAVINRVOKVNCNTATSNVAVGDCCLPRFYRKRTRIGGLQDOECIPCTKOTPTSEVQCAF 121
    |||
DB 93 LDCAVNRRQKANCSTSAICGDCCLPRFYRKRTRIGGLQDOECIPCTKOTPTSEVQCAF 152
    |||

QY 122 LSLVEADAPTVPPQPEATLVALVSSLVFTLAFGLFLYCKQFNRHQRGGLQFQD 181
    |||
DB 153 VNLVRIASVASSPRTALAAVICALATVLLALILCVYICRQFMEKRPSMSLSQDIO 212
    |||

QY 182 KTAKEESLPVPPEKS 197
    |||
DB 213 YNGSELCPDRPOLHE 228
    |||

RESULT 12
US-10-176-758-474
; Sequence 474, Application US/10176758
; Publication No. US2003008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-474

Query Match      37.9%; Score 483; DB 9; Length 417;
Best Local Similarity 44.4%; Pred. No. 4.4e-33;
Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;
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